



## Natural Resources: An economic driver

*Michigan DNR Director Keith Creagh*

## Economic Impact: *Fishing*

- 1.2 million anglers –
  - ranks fifth in the nation
- Value \$2.5 billion to Michigan's economy
- Produces 37,989 direct jobs
- Anglers fish more than 11,000 lakes, 3,000 miles of Great Lake shoreline and 20,000 miles of trout/salmon streams- most diverse freshwater fishing in world
- Field & Stream recently named Michigan the best fly fishing state in America

2



## Economic Impact: *Hunting*



- 760,000 hunters - Michigan ranks third in the nation behind Texas and Pennsylvania
- Hunting generates 34,473 direct jobs and produces \$2.3 billion for Michigan's economy
- Hunters have access to 4.5 million acres of public hunting lands including 187 state game areas and seven managed waterfowl areas

3



## Economic Impact: *Recreation*



- DNR-managed recreation facilities are the backbone of Michigan's \$22.8 billion tourism industry that supports 214,000 direct jobs
- Six of the state's top 10 tourist destinations are managed by DNR
- Fishing and boating add \$7 billion to Michigan's economy

4



## Economic Impact: *Recreation*



- Facilities include:
  - 102 state parks (22 million state park visits)
  - 138 state forest campgrounds
  - Nearly 1 million overnight camp nights ranking 2<sup>nd</sup> in the nation behind California
  - 1,300 boating access sites and 80 public harbors support \$3.9 billion boating industry

5



## Economic Impact: *Recreation*



- More than 12,000 miles of trails - positions Michigan as "The Trail State"
- 2,600 miles of rail trails (most in nation)
- Michigan mountain biking, ORV and snowmobile trails are regularly cited as among the best in their class
- With over 200,000 snowmobilers, Michigan ranks 1<sup>st</sup> in the nation
- Snowmobilers provide \$1 billion to Northern Michigan economies (when it snows)

6



## Economic Impact: *Recreation*



- Shooting Sports in Michigan:
  - Provide for over 800,000 participants
  - Support over 7,000 jobs
- Contribute \$725 million annually to the economy
- Provide over \$257 million in labor income
- Generates over \$57 million in state and local taxes



## Resource-Based Industry



- 4 million acres of DNR-managed forest support \$16 billion timber industry and 31,000 direct jobs
- 926,000 cords of certified timber harvested annually from DNR-managed lands
- 6 million seedlings planted each year on DNR-managed forest lands
- \$57 million (1.2 million cords) of not harvested timber





## Resource-Based Industry



- DNR-managed public lands provide access to 1.1 trillion cubic feet of natural gas storage, the most in the nation
- 50% of state-owned minerals rights in the Lower Peninsula are leased for oil and gas production
- Oil and gas revenues to the Michigan Natural Resources Trust Fund, Game and Fish Protection Fund and State Park Endowment Fund have totaled almost \$2 billion

9



## Resource-Based Industry



### Eagle Mine/Lundin Mining

- Direct and indirect impact to Michigan's economy from 2011 and 2025 is estimated to be \$4.3 billion
- Additional state and local revenue is estimated to be \$240 million
- Local hires is 71% of the workforce
- \$47 million of planned road improvements and an additional \$2 million to MCRC for public safety at critical intersections
- \$6 million investment via Alger Delta Rural Electrification Association to update power line
- \$10 million to refurbish existing rail infrastructure

10



## Resource-Based Industry



### Graymont Mine

- Direct sale and exchange of tax reverted lands and mineral rights



LTA COMPARISON		
	Original Proposal	Current Proposal
Total Project Acres	10,280 acres	10,215 acres
Acres to be Sold	10,280 acres	1,781 acres
Acres - DNR Managed Surface	None	830 acres
Land Values Determined by Appraisal	None	7,026 acres
Includes 10% Administration Fee	Yes	Yes
Timber Consideration	No	Yes = \$1,908,887
Non-lime Mineral Value	No	Yes = \$10 per acre = \$96,424
Reserved Royalty Value	18.75 cents per ton	30 cents per ton
Minimum Annual Royalty	No	Yes = \$20,000 annually
Local Economic Fund	No	Yes = \$500,000 over 5 years
Public Access to Graymont Lands	Yes	Yes
Mining Plan	No	Yes
Reclamation	Yes	Yes
Reclamation Bonding	No	Yes
Wetland Protection	No	Yes
Permanent Trail Easements	No	Yes
DNR Consultation	No	Yes
Public Input	No	Yes
Right of First Refusal	Yes	Yes
Consideration of American Legion	No	Yes

11



## Trails in Michigan



- The DNR also administers over 12,184 miles of trails
  - 8,579 miles of motorized trails
  - 3,099 miles of non-motorized trails
  - 506 miles of dual purpose trails
- MDOT study shows bicycling alone provides a \$668 million annual benefit to the state economy

12



## Michigan Natural Resources Trust Fund

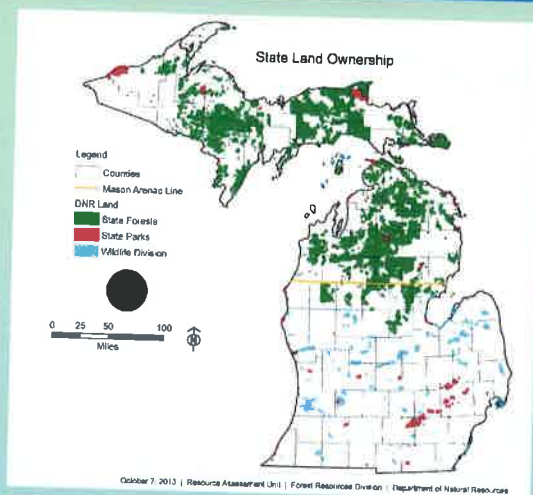
- Since 1976 has funded outdoor recreation acquisition and development in all 83 counties in Michigan
- Has received strong support from the public when put to statewide votes
- Promotes quality of life and regional economies




14



## Managed Public Land Strategy



- 4.6 million acres of surface ownership
- 6.4 million acres of mineral ownership

15



## Green infrastructure on public lands



- Reducing impervious surfaces
- Using state lands for storm water run-off
- Conservation easements
- Trail connections for businesses
- Natural resource value of the openings you create

16





